

Claims

1. A process for preparation of cinnamates using polyaniline salt as catalyst, which comprises esterifying cinnamic acid directly with an aliphatic mono hydric alcohol in the presence of polyaniline salt as catalyst at a temperature ranging from about 30 to about 80°C for a period ranging from about 4 to about 24 hours removing the catalyst from the reaction mixture and separating the desired ester by a conventional method.
2. The process as claimed in claim 1, wherein the aliphatic mono hydric alcohol used is selected from the group consisting of methyl alcohol, ethyl alcohol, propyl alcohol and butyl alcohol.
3. The process as claimed in claim 1, wherein the catalyst used is a polyaniline salt selected from the group consisting of polyaniline-sulfuric acid, polyaniline-hydrochloric acid, and polyaniline-nitric acid systems.
4. The process as claimed in claim 1, wherein the reaction is carried out at a temperature preferably in the range of about 70 to about 80°C.
5. The process as claimed in claim 1, wherein the reaction is carried out for a period preferably in the range of about 20 to about 24 hours.
6. The process as claimed in claim 1, wherein the catalyst used is recyclable for at least six times.

7. The process as claimed in claim 2, wherein the catalyst used is a polyaniline salt selected from the group consisting of polyaniline-sulfuric acid, polyaniline-hydrochloric acid, and polyaniline-nitric acid systems.
8. The process as claimed in claim 2, wherein the reaction is carried out at a temperature preferably in the range of 70 to 80°C.
9. The process as claimed in claim 3, wherein the reaction is carried out at a temperature preferably in the range of 70 to 80°C.
10. The process as claimed in claim 2, wherein the reaction is carried out for a period preferably in the range of 20 to 24 hours.
11. The process as claimed in claim 3, wherein the reaction is carried out for a period preferably in the range of 20 to 24 hours.
12. The process as claimed in claim 4, wherein the reaction is carried out for a period preferably in the range of 20 to 24 hours.
13. The process as claimed in claim 2, wherein the catalyst used is recyclable for at least six times.
14. A process as claimed in claim 3, wherein the catalyst used is recyclable for at least six times.
15. The process as claimed in claim 4, wherein the catalyst used is recyclable for at least six times.
16. The process as claimed in claim 5, wherein the catalyst used is recyclable for at least six times.